



Water-Data Report 2008

405739074164201 Local number 310200- MW137

Sand and gravel aquifers (glaciated regions)
Stratified Drift

Passaic County, NJ

LOCATION.--Lat 40°57'39", long 74°16'42" referenced to North American Datum of 1983, Wayne Township, Passaic County, NJ, Hydrologic Unit 02030103.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 24 ft. Upper casing diameter 2 in; top of first opening 14 ft, bottom of last opening 24 ft.

DATUM.--Land-surface datum is 192 ft above National Geodetic Vertical Datum of 1929. Measuring point: Undefined.

PERIOD OF RECORD.--Water years 2004, 2008.

REMARKS.--New Jersey Department of Environmental Protection Watershed Management Area 3. Urban Land Use Indicator.

COOPERATION.--Physical measurements and samples for laboratory analyses were provided by personnel of the New Jersey Department of Environmental Protection.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 1 of 11

[Remark codes: <, less than; E, estimated.]

Date	Time	Depth to water level, feet below LSD (72019)	Flow rate, instantaneous gal/min (00059)	Pump or flow period to sampling, minutes (72004)	Turbidity white light, 90+/-30 corrctd NTRU (63676)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, unfltrd field, std units (00400)	Specific conductance, wat unfltrd, μ S/cm 25 degC (00095)	Temperature, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	
Jul	15...	1000	9.60	.50	30	1.4	757	1.4	13	7.0	1,420	13.3	570	134

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 2 of 11

[Remark codes: <, less than; E, estimated.]

Date	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unfltrd fixed end pt, lab, mg/L as CaCO3 (90410)	Alkalinity, wat fltrd inf tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat fltrd inf pt titr., field, mg/L (00453)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L as SiO2 (00955)	Sulfate, water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents, mg/L (70301)	Residue on evap. at 180degC, wat fltrd, mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	
Jul	15...	58.3	1.52	45.0	325	315	383	290	.23	24.2	19.1	E784	1,020	.62

405739074164201 Local number 310200- MW137—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 3 of 11

[Remark codes: <, less than; E, estimated.]

Date	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Organic carbon, water, fltrd, mg/L (00681)	Alum- inum, water, fltrd, µg/L (01106)	Anti- mony, water, fltrd, µg/L (01095)	Arsenic water, fltrd, µg/L (01000)	Barium, water, fltrd, µg/L (01005)	Beryll- ium, water, fltrd, µg/L (01010)	Boron, water, fltrd, µg/L (01020)	Cadmium water, fltrd, µg/L (01025)	Chrom- ium, water, fltrd, µg/L (01030)
Jul 15...	.431	1.39	.004	.010	4.1	E1.6	<.14	.81	195	<.01	27	.13	.19

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 4 of 11

[Remark codes: <, less than; E, estimated.]

Date	Copper, water, fltrd, µg/L (01040)	Iron, water, fltrd, µg/L (01046)	Lead, water, fltrd, µg/L (01049)	Mangan- ese, water, fltrd, µg/L (01056)	Mercury water, fltrd, µg/L (71890)	Nickel, water, fltrd, µg/L (01065)	Selen- ium, water, fltrd, µg/L (01145)	Silver, water, fltrd, µg/L (01075)	Thall- ium, water, fltrd, µg/L (01057)	Zinc, water, fltrd, µg/L (01090)	1-Naph- thol, water, fltrd 0.7u GF (49295)	2,6-Di- ethyl- aniline water, fltrd 0.7u GF (82660)	2Chloro -2',6'- diethyl acet- anilide wat flt µg/L (61618)
Jul 15...	E.99	10,200	<.08	6,400	<.010	1.8	.29	<.1	E.03	E1.2	<.04	<.006	<.010

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 5 of 11

[Remark codes: <, less than; E, estimated.]

Date	CIAT, water, fltrd, µg/L (04040)	2-Ethyl -6- methyl- aniline water, fltrd, µg/L (61620)	3,4-Di- chloro- aniline water, fltrd, µg/L (61625)	3,5-Di- chloro- aniline water, fltrd, µg/L (61627)	4- Chloro- 2methyl phenol, water, fltrd, µg/L (61633)	Aceto- chlor, water, fltrd, µg/L (49260)	Ala- chlor, water, fltrd, µg/L (46342)	alpha- Endo- sulfan, water, fltrd, µg/L (34362)	Atra- zine, water, fltrd, µg/L (39632)	Azin- phos- methyl oxon, water, fltrd, µg/L (61635)	Azin- phos- methyl, water, fltrd 0.7u GF (82686)	Ben- flur- alin, water, fltrd 0.7u GF (82673)	Car- baryl, water, fltrd 0.7u GF (82680)
Jul 15...	<.014	<.010	<.006	<.008	<.005	<.006	<.006	<.006	<.007	<.04	<.120	<.010	<.060

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 6 of 11

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Date	Carbo- furan, water, fltrd 0.7u GF µg/L (82674)	Chloro- pyrifos water, fltrd, µg/L (61636)	Chloro- pyrifos water, fltrd, µg/L (38933)	cis- Per- methrin water fltrd 0.7u GF µg/L (82687)	cis- Propi- conazole, water, fltrd, µg/L (79846)	Cyana- zine, water, fltrd, µg/L (04041)	Cyflu- thrin, water, fltrd, µg/L (61585)	lambda- Cyhalo- thrin, water, fltrd, µg/L (61595)	Cyper- methrin water, fltrd, µg/L (61586)	DCPA, water, fltrd 0.7u GF µg/L (82682)	Desulf- inyl- fipro- nil, water, fltrd, µg/L (62170)	Diazi- non, water, fltrd, µg/L (39572)	Dicro- tophos, water, fltrd, µg/L (38454)
Jul 15...	<.020	<.06	<.005	<.010	<.006	<.020	<.016	<.004	<.014	<.003	<.012	<.005	<.08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

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[Remark codes: <, less than; E, estimated.]

Date	Diel- drin, water, fltrd, µg/L (39381)	Dimeth- oate, water, fltrd 0.7u GF µg/L (82662)	Disulf- oton sulfone water, fltrd, µg/L (61640)	Disul- foton, water, fltrd 0.7u GF µg/L (82677)	Endo- sulfan sulfate water, fltrd, µg/L (61590)	EPTC, water, fltrd 0.7u GF µg/L (82668)	Ethion monoxon water, fltrd, µg/L (61644)	Ethion, water, fltrd, µg/L (82346)	Etho- prop, water, fltrd 0.7u GF µg/L (82672)	Fenami- phos sulfone water, fltrd, µg/L (61645)	Fenami- phos oxide, water, fltrd, µg/L (61646)	Fenami- phos, water, fltrd, µg/L (61591)	Desulf- inyl- fipro- nil amide, wat flt µg/L (62169)
Jul 15...	<.009	<.006	<.01	<.04	<.022	<.002	<.02	<.006	<.012	<.053	<.20	<.03	<.029

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

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Date	Fipro- nil sulfide water, fltrd, µg/L (62167)	Fipro- nil sulfone water, fltrd, µg/L (62168)	Fipro- nil, water, fltrd, µg/L (62166)	Fonofos water, fltrd, µg/L (04095)	Hexa- zinone, water, fltrd, µg/L (04025)	Ipro- dione, water, fltrd, µg/L (61593)	Isofen- phos, water, fltrd, µg/L (61594)	Mala- oxon, water, fltrd, µg/L (61652)	Mala- thion, water, fltrd, µg/L (39532)	Meta- laxyl, water, fltrd, µg/L (61596)	Methid- athion, water, fltrd, µg/L (61598)	Methyl para- oxon, water, fltrd, µg/L (61664)	Methyl para- thion, water, fltrd 0.7u GF µg/L (82667)
Jul 15...	<.013	<.024	<.020	<.010	<.008	<.01	<.006	<.020	<.016	<.007	<.004	<.01	<.008

WATER-QUALITY DATA
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Date	Metolachlor, water, fltrd, µg/L (39415)	Metribuzin, water, fltrd, µg/L (82630)	Molinate, water, fltrd, 0.7u GF µg/L (82671)	Myclobutanil, water, fltrd, µg/L (61599)	Oxyfluorfen, water, fltrd, µg/L (61600)	Pendimethalin, water, fltrd, 0.7u GF µg/L (82683)	Phorate oxon, water, fltrd, µg/L (61666)	Phorate water, fltrd, 0.7u GF µg/L (82664)	Phosmet oxon, water, fltrd, µg/L (61668)	Phosmet water, fltrd, µg/L (61601)	Prometon, water, fltrd, µg/L (04037)	Prometryn, water, fltrd, µg/L (04036)	Propyzamide, water, fltrd, 0.7u GF µg/L (82676)
Jul 15...	<.010	<.012	<.003	<.010	<.006	<.012	<.03	<.040	<.06	<.008	<.01	<.006	<.004

WATER-QUALITY DATA
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Part 10 of 11

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Date	Propanil, water, fltrd, 0.7u GF µg/L (82679)	Propargite, water, fltrd, 0.7u GF µg/L (82685)	Simazine, water, fltrd, µg/L (04035)	Tebu-thiuron, water, fltrd, 0.7u GF µg/L (82670)	Tefluthrin, water, fltrd, µg/L (61606)	Terbufos oxon sulfone, water, fltrd, µg/L (61674)	Terbufos, water, fltrd, 0.7u GF µg/L (82675)	Terbutylazine, water, fltrd, µg/L (04022)	Thiobencarb, water, fltrd, 0.7u GF µg/L (82681)	trans-Propiconazole, water, fltrd, µg/L (79847)	Tribuphos, water, fltrd, µg/L (61610)	Tri-fluralin, water, fltrd, 0.7u GF µg/L (82661)	Di-chlorvos, water, fltrd, µg/L (38775)
Jul 15...	<.006	<.04	<.006	<.02	<.003	<.04	<.02	<.01	<.010	<.02	<.035	<.009	<.01

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 11 of 11

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Date	Alpha radioac 30 day, wat flt Th-230, pCi/L (62639)	Alpha radioac 72 hr, wat flt Th-230, pCi/L (62636)	Beta radioac 30 day, wat flt Cs-137, pCi/L (62645)	Beta radioac 72 hr, wat flt Cs-137, pCi/L (62642)
Jul 15...	2.4	2.2	1.9	2.1